

Amendments to the Drawings:

The attached sheet of drawings include replacement sheet for Figs. 3 and 4. Reference numerals "15" and "16" for the arrows in Figure 4 have been added to the replacement sheet. The dashed line in Fig. 1 has also been corrected. No new matter has been added.

Attachments: Replacement sheet

REMARKS

Responsive to the objection to the IDS, copies of the GB references cited in category A in the ISR are enclosed herewith. Consideration is requested, however, no fee is authorized for this consideration.

Responsive to the drawing objection, a replacement sheet providing reference numerals for the arrows in Figure 4 is submitted herewith. The dashed line in Figure 1 has also been corrected.

The specification has been amended to mention the new reference numerals.

Claim 10 has been amended to include the limitations of claims 13 and 14.

Claims 10, 11, 17 and 18 stand rejected as anticipated by Horgan U.S. 4,688,406. This rejection is obviated by the amendment.

Claims 10, 11, 17 and 18 stand rejected as obvious over Horgan in view of Miller U.S. 6,622,534. This rejection, as well as the rejection of claim 12 in further view of Fildan US 4,691,951, are also obviated by the amendment.

Claims 13-16 stand rejected under 35 U.S.C. §103 as being obvious over Horgan and Miller in further view of Wimmer U.S. 4,662,666. To the extent that this combination would be applied against claim 10 as presently amended, such rejection is traversed for the reasons following.

Horgan discloses a deadbolt lock mechanism including a lock cylinder 41 which is fixed in a housing plate 22, and a locking tab 43 which rotates in response to movement of a key in the cylinder. The locking tab 43 acts on a pin 46 fixed in a disk 44 which is loosely disposed in the opening 45 of a spacer 25, thereby causing the disk 44 to rotate. As the disk rotates, the pin 46 moves through an arc and causes an actuating lever 47 to pivot about pin 48. Because the pin is received in a triangular opening 53 in the lever 47, the pivoting will be delayed as the tab moves from the position of Figure 3 to the position of Figure 4. The lever 47 is provided with a slot 52

which actions on a pin 51 in the lock bolt 50, so that the lock bolt moves into channel 57 to lock the door. In order to unlock the door, the key must be turned through over 360° so that the tab 43 engages pin 46 from the other side.

Horgan therefore teaches a linkage having a total of four moving parts (tab 43, disk 44, lever 47, and bolt 50). This is in sharp contrast to the two moving parts claimed by applicant (knob and fixing element).

Miller is cited only for its disclosure of substituting a knob for a key.

Wimmer is cited first of all for its disclosure of a stub axle fixed to the knob and journaled for rotation; apparently the Examiner envisions fixing the tab 43 of Horgan to this stub axle.

With respect to applicant's recitation of an eccentric pin fixed to the turning knob and a slotted link fixed to the fixing element, the Examiner makes the following statement:

As to claim 14, Horgan, Jr. in view of Miller et al. and Wimmer discloses the fixing device of claim 13 as discussed above, and the resulting fixing device from the combination of Horgan, Jr. in view of Miller et al. and Wimmer also discloses an eccentric pin (46 of Horgan, Jr. fixed to said turning knob (rotatable knob of Miller et al. or 5 or 6 of Wimmer), and a slotted link (47 of Horgan, Jr.) fixed to the fixing element (50), the slotted link (47) having a slot (53) which receives said eccentric pin (46) to translate rotational movement of said knob (rotatable knob of Miller et al. or 5 or 6 of Wimmer) into linear movement of said fixing element (50).

This statement contains two significant errors. First, Wimmer does not disclose any pin fixed to a turning knob. The pin 46 of Horgan is fixed to a separate part (disk 44) which is rotated by tab 43. Second, Wimmer does not disclose a slotted link fixed to a fixing element which moves linearly. The lever 47 of Horgan is not fixed to the bolt 50. Rather, it is pivotably mounted in the lock housing, and rotates as the bolt 50 moves linearly. Thus, while the lever 47 has an opening 53 which receives the pin 46 to translate rotation of the knob into linear movement of the bolt 50, the

pin and slotted link are not mounted to the knob and fixing element, respectively, as recited in claim 10.


In sum, the combination of references cited by the Examiner does not remotely suggest how the complex deadbolt arrangement of Horgan could be modified to achieve the relatively simple fixing device recited in applicant's claim 10 as presently amended.

The claims as amended being patentable over the art of record withdrawal of the rejections and early allowance are requested. If any new references are applied, such rejection should be non-final since no new issues are presented by the amendment.

It is believed that no fees or charges are required at this time in connection with the present application. However, if any fees or charges are required at this time, they may be charged to our Patent and Trademark Office Deposit Account No. 03-2412.

Respectfully submitted,

COHEN PONTANI LIEBERMAN & PAVANE LLP

By 
F. Brice Faller
Reg. No. 29,532
551 Fifth Avenue, Suite 1210
New York, New York 10176
(212) 687-2770

Dated: June 28, 2007